Index of Claims

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| HIBBID |      |   |  |
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Application/Control No.

10/534,106 Examiner

Chuc D. Tran

Applicant(s)/Patent under Reexamination

YONEDA ET AL.

Art Unit

2821

| J | Rejected | _ | (Through numeral)<br>Cancelled | N | 1 | Non-Elected  | A | Appeal   |  |  |
|---|----------|---|--------------------------------|---|---|--------------|---|----------|--|--|
| = | Allowed  | + | Restricted                     |   |   | Interference | 0 | Objected |  |  |

| Cla                    | aim      |          |          |          |  | Dat  | le       |         |           |              |          | Cla      | im       |  |          |          | D        | ate      |                    |         |         |   |          | Cl    | aim        |          |          |          | [        | Date            |          |          |          |          |
|------------------------|----------|----------|----------|----------|--|--|----------|---------|-----------|--------------|----------|----------|----------|--|----------|----------|----------|----------|--------------------|---------|---------|---|----------|-------|------------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|
| Final                  | Original | 3/16/06  |          |          |  |  |          |         |           |              |          | Final    | Original |  |          |          |          |          |                    |         |         | 000000000000000000000000000000000000000 |          | Final | Original   |          |          |          |          | :               |          |          |          | ٠        |
| 1                      | 1        | =        |          | ┢        |  | ╁  | ╁        | ╅       | 十         | 十            | $\neg$   |          | 51       | H  | H        | ┪        | ┪        | $\dashv$ | $\top$             | +       | +       | -                                       | ŀ        |       | 101        | ٠,       | H        |          | ┢┈       | H               |          | 寸        |          |          |
| 2                      | 2        | Ξ        | T        |          |  | T  | T        | $\top$  | 十         | $\dashv$     |          | ٨        | 52       | <del>                                     </del> | Н        | $\neg$   | 寸        | 十        | 十                  | 十       | ╅       | T                                       |          |       | 102        |          |          | _        |          | П               |          |          | 7        |          |
| 3                      | 3        | =        | Г        |          | Г  | ✝  | Т        | ┪       | 十         | $\neg$       |          |          | 53       | · ·  |          | 一        | T        | T        | 寸                  | $\top$  | T       | 700                                     |          |       | 103        |          |          |          |          |                 |          | $\neg$   | T        |          |
| 4                      | 4        | =        |          |          |  |  | Т        | T       |           |              |          |          | 54       |  |          | $\Box$   |          |          | $\Box$             |         | $\top$  |   |          |       | 104        |          |          |          |          |                 |          |          |          |          |
| 5                      | 5        | =        |          |          |  |  |          | I       | $\Box$    | T            |          |          | 55       |  |          |          |          |          |                    |         |         |   |          |       | 105        |          |          |          |          |                 |          |          |          |          |
| 10                     | 6        | =        |          |          |  | Τ  | Τ        | Τ       |           |              |          |          | 56       |  |          |          |          |          |                    |         |         | ]                                       |          |       | 106        |          |          |          |          |                 |          |          |          |          |
| 7                      | 7        | =        |          |          |  |  |          |         | $\perp$   | $\perp$      |          |          | 57       |  |          |          |          |          | $\perp$            |         | $\perp$ |   |          |       | 107        |          |          |          |          |                 |          |          |          |          |
| 8                      | 8        | =        |          |          |  |  | L        | ┸       |           |              | [        |          | 58       |  |          | _        | $\perp$  |          |                    |         |         | _                                       |          |       | 108        |          |          |          | L        |                 |          |          | $\perp$  |          |
| 9                      | 9        | =        |          |          | L  | ┺  | ╙        | ┸       | 4         | 4            | _        |          | 59       | L  | Ц        | _        | 4        | 4        | 4                  | 4       | ┸       | _[                                      |          |       | 109        |          |          |          | L        | Ш               |          | _        | _        | _        |
| 6                      | 10       | =        | _        |          | <u> </u>   | <u> </u>   | 1        | ┸       | ⅃.        | 4            | _        |          | 60       | _  | Ш        |          | _        | _        | 4                  | ┸       | _       | _                                       |          |       | 110        |          |          |          | L        | Ш               |          | 4        | _        |          |
| ļ                      | 11       | <u> </u> | L        |          | <u> </u>   | <u> </u>   | Ł        | 4       |           | 4            | 4        |          | 61       |  | Ц        | _        | _        | 4        | 4                  | _       | ┸       | _                                       |          | •     | 111        |          | Ш        | _        | _        |                 |          | _        | _        |          |
| $\vdash$               | 12       | <u> </u> | $\vdash$ | _        | $\vdash$   | 1  | ╀        | +       | 4         | 4            | 4        |          | 62       | $ldsymbol{\sqcup}$                               | $\sqcup$ | _        | 4        | +        | +                  | $\bot$  | +       | -[                                      | #        |       | 112        |          | $\sqcup$ | L.       | $\vdash$ | Ш               | Ш        | _        | _        |          |
| <u></u>                | 13       | $\vdash$ | $\vdash$ | <u> </u> | ┡  | -  | ╀        | +       | +         | 4            | 긕        |          | 63       |  | ${oxed}$ | -        | $\dashv$ | +        | +                  | +       | +       | 4                                       | 1        |       | 113        | _        |          | _        | L,       | Н               |          | 4        | 4        | _        |
| <u> </u>               | 14       | Ь—       | $\vdash$ | _        | ⊢  | ╄  | ╀        | +       | +         | $\downarrow$ | 긕        |          | 64<br>65 | <b>L</b>   | $\sqcup$ |          | -        | +        | - -                | -       | 4-      | -                                       | 1        |       | 114        | _        | Н        |          | $\vdash$ | $\vdash$        |          | -        |          |          |
|                        | 15       | ⊢        | 1        | $\vdash$ | ⊢  | ╁  | ╀        | ╀       | +         | +            | 긕        |          |          | -  | -        | -        | -        | -        |                    | +       | +       | -[                                      | -        |       | 115        |          | Н        | _        | -        | Н               | $\dashv$ |          |          |          |
|                        | 16<br>17 | ⊢        | -        | -        | ┢  | ┢┈   | ╁        | ╁       | +         | +            | ᅱ        |          | 66<br>67 | -  | $\dashv$ | -        | -        | +        | +                  | +       | +       | -{                                      | •        |       | 116<br>117 |          | Н        |          |          | Н               | $\dashv$ |          | -        |          |
| -                      | 18       | -        | H        | _        | ┢  | ╁┈   | ╁╴       | ╁       | +         | +            | ᅱ        |          | 68       | H  | $\dashv$ | ⊣        | -        | +        | +                  | ┿       | +       | -{                                      | -        |       | 118        | _        | Н        |          | _        | Н               | -        | $\dashv$ | $\dashv$ | _        |
| $\vdash$               | 19       | $\vdash$ | $\vdash$ | _        | ╁╌   | ╁╴   | ╫        | ╁       | +         | +            | ⊣        |          | 69       | H  |          | $\dashv$ | $\dashv$ | +        | +                  | +       | ╁       | ╣                                       |          |       | 119        |          | Н        |          |          | Н               | $\dashv$ | $\dashv$ | $\dashv$ |          |
| $\vdash$               | 20       |          | $\vdash$ | _        | ┢╌   | ╫  | +        | ╁       | ╅         | $\dashv$     | ┥        |          | 70       | H  | $\dashv$ | $\dashv$ | $\dashv$ | +        | +                  | +       | ╁       | ┨                                       | -        |       | 120        |          | Н        |          |          | Н               | -        | $\dashv$ |          | _        |
|                        | 21       |          | ŀ        | $\vdash$ | $\vdash$   | +  | +        | ╈       | +         | 十            | ᅥ        |          | 71       |  | H        | ┪        | $\dashv$ | ╅        | +                  | +       | +-      | ┨                                       | ŀ        |       | 121        |          | Н        |          | $\vdash$ | Н               | $\dashv$ | 十        | -        | <u> </u> |
|                        | 22       |          |          |          | $\vdash$   | $\vdash$   | 1        | +       | +         | $\top$       | ᅥ        |          | 72       | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ | $^{+}$   | +                  | +       | +       | ╣                                       | ŀ        |       | 122        |          | H        |          |          | H               | -        | $\dashv$ | ᆉ        |          |
|                        | 23       |          | _        | 一        | <del>                                     </del> | 十  | t        | ╅       | +         | +            | ┪        |          | 73       |  | $\Box$   | 7        | 十        | $\dashv$ | +                  | +       | +       | ┪                                       | ŀ        |       | 123        | $\dashv$ |          |          |          | Н               | $\neg$   | _        | $\dashv$ |          |
|                        | 24       |          | _        | _        | $\vdash$   | ┢  | ╈        | T       | +         | ✝            | ┪        |          | 74       | Н  |          | 十        | 十        | 1        | ╅                  | +       | t       | 1                                       | 1        |       | 124        | $\dashv$ | $\vdash$ |          |          | Н               |          | _        | _        |          |
|                        | 25       |          | ٠        | _        | T  | ✝  | ✝        | T       | ╅         | $\top$       | ヿ        |          | 75       |  | 寸        | 寸        | $\dashv$ | 7        | 1                  | $\top$  | 1       | 18                                      |          |       | 125        |          |          | _        |          | П               |          |          | 寸        | _        |
|                        | 26       | -        |          | _        | T  | T  | ✝        | ╈       | ╅         | 寸            | ヿ        |          | 76       |  |          | _        | 寸        | 十        | +                  | $\top$  | $\top$  | ¦                                       | 1        | -     | 126        | ┪        |          |          |          | Ħ               |          | 一        | 7        | _        |
|                        | 27       |          |          |          |  | Τ  | T        | T       | T         | Ť            | ヿ        |          | 77       | П  | $\Box$   |          | T        |          | T                  | T       |         | 7                                       | •        |       | 127        | $\neg$   |          |          |          | T               |          | ヿ        | ┪        | _        |
|                        | 28       |          |          |          |  |  | Π        | Т       | T         | T            |          |          | 78       |  | $\neg$   | _        |          | $\top$   | 1                  |         | T       | 1                                       | Ī        |       | 128        |          |          |          |          |                 |          | 寸        | $\neg$   | _        |
|                        | 29       |          |          |          |  |  |          |         |           |              |          |          | 79       |  |          |          |          | $\Box$   | $\top$             | _       | T       | 7                                       | •        |       | 129        |          |          |          |          |                 |          | T        | 1        |          |
|                        | 30       |          |          |          |  |  |          |         |           |              |          |          | 80       |  | П        | П        | Т        | Т        |                    |         | Τ       | 7                                       |          |       | 130        |          |          |          |          |                 |          |          | T        |          |
|                        | 31       |          |          |          |  |  |          |         |           |              |          |          | 81       |  |          |          |          |          | $\prod$            | Т       | Т       | ]                                       |          |       | 131        |          |          |          |          |                 |          |          |          |          |
|                        | 32       |          |          |          | L  | 乚  | L        | L       | $\prod$   | $\prod$      |          |          | 82       |  |          | $\Box$   | $\Box$   | $\Box$   | $oldsymbol{\perp}$ |         | $\perp$ | ]                                       | : [      |       | 132        |          |          |          |          |                 |          |          |          |          |
|                        | 33       | Ш        | Ш        |          | L  | ↓  | ↓_       | $\perp$ | _         | 4            | _        |          | 83       | Ш  | Ш        |          | _        | _        |                    |         | Ţ       | _[                                      |          |       | 133        | ]        | ╚        |          | لسا      | Ш               |          | [        |          | _        |
| $\vdash$               | 34       | Ш        | Щ        | _        | _  | ↓_   | ↓_       | $\bot$  | 4         | 4            | ᆚ        |          | 84       | Щ  | Ц        | _        | _        |          | ┸                  | $\perp$ | _       | _                                       | <b>%</b> |       | 134        |          | Ш        |          | Щ        | Ш               | $\Box$   | _        | $\perp$  |          |
| $\vdash$               | 35       | H        | Щ        |          | L  |  | ↓_       | +       | - -       | 4            | ᆚ        |          | 85       | Ш  | $\sqcup$ | $\dashv$ | -        | 4        | 4                  | _       | _       | 4                                       |          |       | 135        |          | $\sqcup$ |          | Щ        | $\sqcup$        | _        | _        | 4        |          |
|                        | 36       | <u> </u> | Щ        |          | $\vdash$   | ╀  | ╀        | ╀       | +         | 4            | 4        |          | 86       | Н  | $\sqcup$ | _        | 4        | 4        | 4                  | -       | +       | 4                                       | ١        |       | 136        | _        | $\sqcup$ | Щ        | Щ        | Щ               |          | _        | _        |          |
| $\vdash$               | 37       | <u> </u> | $\vdash$ |          | <del> </del>                                     | ╀  | ╀        | ╀       | +         | +            | 긕        |          | 87       | Н  | -        |          | -        | +        | +                  | +       | +       | -                                       | ŀ        |       | 137        | [        | $\sqcup$ |          |          | Н               | $\dashv$ | _        | 4        |          |
| $\vdash$               | 38<br>39 | <u> </u> | $\vdash$ |          | Ͱ  | ╀  | ╄        | +       | +         | 4            | {        |          | 88       |  | $\dashv$ | -        | -        | +        | +                  | +       | +-      | -                                       | ŀ        |       | 138        |          |          | $\dashv$ | Н        | $\vdash \vdash$ | $\dashv$ |          | 4        | _        |
| $\vdash$               | 40       | -        | $\vdash$ | _        | ├  | ╁  | ╁        | ╁       | +         | +            | {        |          | 89<br>90 | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | +        | +                  | +       | +-      | -                                       | ŀ        |       | 139        |          |          |          |          | $\vdash$        |          | -        | $\dashv$ | —        |
| $\vdash \vdash \vdash$ | 41       | $\vdash$ | $\vdash$ |          | ├  | +-   | $\vdash$ | ╁       | +         | +            | 4        |          | 90       | H  | $\dashv$ | -        | -+       | $\dashv$ | +                  | +       | +-      | -{                                      | ⊪<br>}   | .     | 140        |          | ∤        | $\vdash$ | $\vdash$ | $\vdash$        |          |          | $\dashv$ | _        |
| $\vdash$               | 42       | Н        | -        | _        | ⊢  | 1  | $\vdash$ | ╁       | ╁         | +            | $\dashv$ |          | 92       | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | +        | +                  | +       | +       | -{                                      | ⊪        |       | 141        | $\dashv$ | $\vdash$ | $\dashv$ | Н        | $\vdash \vdash$ | $\dashv$ | -        | +        | _        |
| $\vdash \vdash \vdash$ | 43       | Н        | $\vdash$ | _        | $\vdash$   | $\vdash$   | ╁        | ۲       | ╁         | +            | $\dashv$ | -        | 93       | $\vdash$   | $\dashv$ | +        | $\dashv$ | ╫        | +                  | +       | +       | -                                       | ∦⊦       |       | 143        |          | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$        | ᅱ        | $\dashv$ | $\dashv$ | _        |
| $\vdash$               | 44       | $\vdash$ |          |          | $\vdash$   | $\vdash$   | $\vdash$ | ╁       | +         | +            | $\dashv$ |          | 94       | Н  | $\dashv$ | $\dashv$ | $\dashv$ | ╫        | ╅                  | +       | ╁       | ╣                                       | ∦        |       | 144        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$        |          | +        | $\dashv$ | -        |
| $\vdash$               | 45       | $\vdash$ | $\vdash$ |          | ┢  | $\vdash$   | +        | ╁       | ╁         | 十            | ╣        |          | 95       | Н  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | +       | +-      | 1                                       | ŀ        | -     | 145        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash \vdash$ | -        | 十        | ┰        | _        |
| $\vdash$               | 46       |          | -        |          | $\vdash$   | <del>                                     </del> | +        | +       | +         | +            | -        | $\dashv$ | 96       | Н  | $\dashv$ | 十        | $\dashv$ | $\dashv$ | +                  | +       | ╁       | ╣                                       | ∦ŀ       | -     | 146        |          | $\dashv$ |          | Н        | $\vdash$        | $\dashv$ | ┰        | $\dashv$ | _        |
| $\vdash$               | 47       | Н        | $\vdash$ |          | $\vdash$   | $\vdash$   | ╁        | +       | +         | +            | $\dashv$ | $\dashv$ | 97       | Н  | $\dashv$ | $\dashv$ | $\dashv$ | +        | ╁                  | 十       | ╁       | 1                                       | ∦Ի       |       | 147        |          |          | -        |          | ⊢⊢              | ┪        | $\dashv$ | $\dashv$ | _        |
| $\vdash$               | 48       | -        | $\dashv$ | _        | $\vdash$   | t  | t        | ✝       | +         | +            | ╣        |          | 98       | Н  | +        | $\dashv$ | +        | +        | +                  | 十       | ╁       | -                                       | ŀ        | -     | 148        | $\dashv$ | $\dashv$ |          |          | $\vdash$        | ᅱ        | $\dashv$ | +        | _        |
| $\vdash$               | 49       |          |          |          | $\vdash$   | T  | t        | t       | $\dagger$ | $\dagger$    | $\dashv$ |          | 99       | $\vdash$   | +        | $\dashv$ | $\dashv$ | $\dashv$ | ╅                  | 十       | +       | 1                                       | ŀ        |       | 149        |          | -        | $\dashv$ | $\vdash$ | $\vdash$        | $\dashv$ | -+       | $\dashv$ | -        |
| $\Box$                 | 50       |          | $\Box$   |          | Г  | Π  | Τ        | T       | 十         | 十            | ᅦ        |          | 100      | М  | _        | 十        | _        | $\top$   | 十                  | 十       | 1       | 1                                       | ı        |       | 150        | 一        | $\dashv$ | $\dashv$ |          | $\Box$          |          | 十        | _        |          |
|                        | •        |          |          |          | -  | -  |          |         | •         | -            | •        |          |          |  |          |          | •        |          |                    |         | •       |   |          |       | ,          | •        | •        |          |          |                 |          |          |          |          |